

Aircraft not moving on the ground

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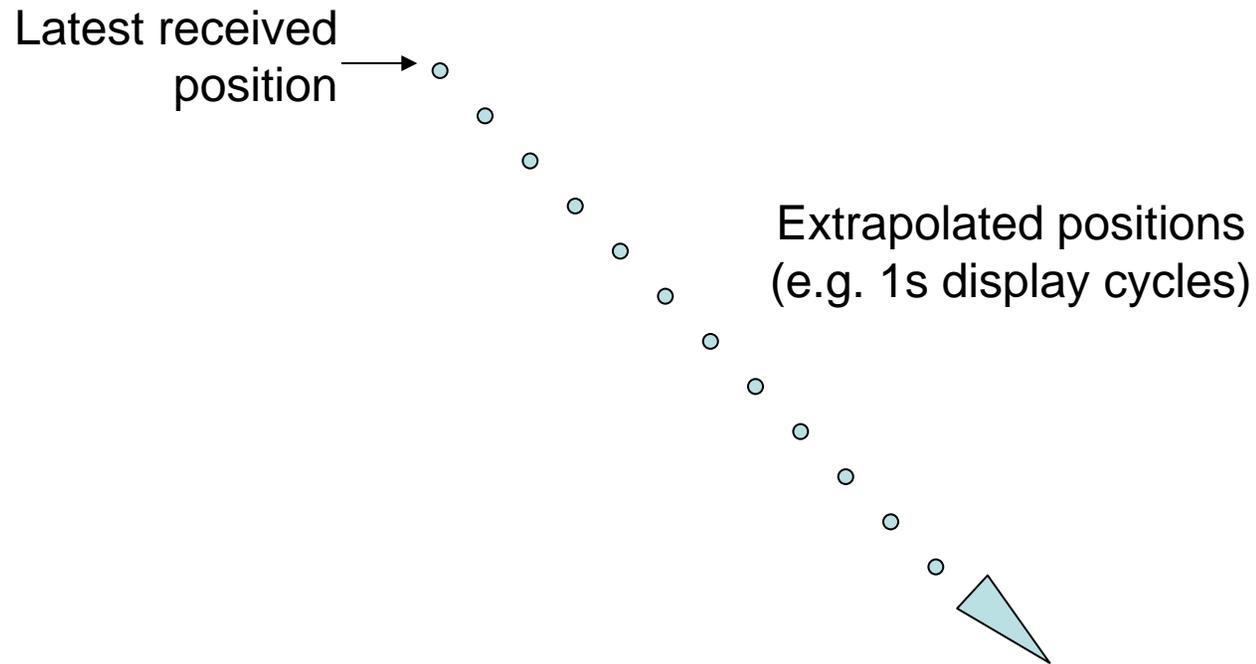
If aircraft is not moving

- ADS-B position squitters at 5s (not 0.5s, as when moving)
- Ground speed sent with some value (e.g. could be 3 m/s)
- No indication in message to receiving user

Consequences to traffic display

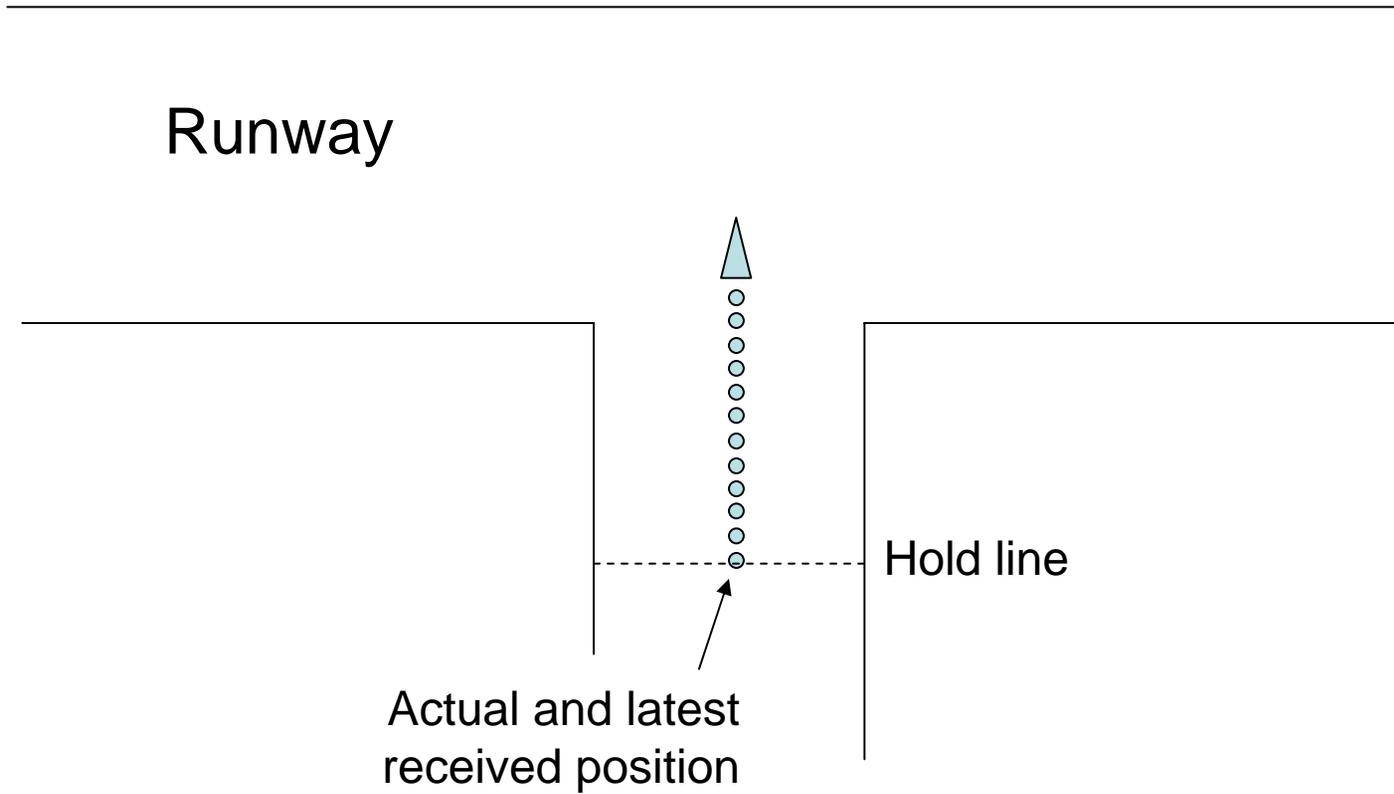
- Position updates not received very often (e.g. 15s update at 95%)
- Relatively long extrapolation to display time, using non-zero velocity

Situation display



Aircraft appears to be moving consistently !

A critical scenario



Recommendation / Request

Either:

Keep 0.5s position squitter rate all the time

or

When a/c is not moving and squittering at 5s

Then send zero speed